

Title (en)

A CLOSURE ASSEMBLY COMPRISING A CAP WITH INTEGRATED TAMPER-EVIDENT RING AND STRAP

Title (de)

VERSCHLUSSANORDNUNG MIT EINER KAPPE MIT INTEGRIERTEM MANIPULATIONSSICHEM RING UND BAND

Title (fr)

ENSEMBLE DE FERMETURE COMPRENANT UN CAPUCHON MUNI D'UNE BAGUE D'INVOLABILITÉ ET D'UNE SANGLE INTÉGRÉES

Publication

**EP 4242131 A2 20230913 (EN)**

Application

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- NL 2024518 A 20191219
- EP 20720849 A 20200429
- EP 2020061896 W 20200429

Abstract (en)

A closure assembly comprising an article with a tubular neck and a cap including an integrated tamper-evident ring member and an integrated strap. The tamper-evident ring member is integrally formed to the lower edge of the skirt of the cap and comprises an annular base portion which is connected via one or more breakable bridges to the skirt. The closure assembly comprises an upwardly directed first cam portion formed on the base portion of the tamper-evident ring member, and a downwardly directed second cam portion formed on the lower edge of the skirt. Upon opening of the closure assembly by rotation of the cap relative to the article the cam portions interact in order to cause axial lifting of the cap relative to the neck. The strap is integral at a first end thereof to the upwardly directed first cam portion and at a second end thereof integral to another portion of the cap.

IPC 8 full level

**B65D 55/16** (2006.01)

CPC (source: EP US)

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Citation (applicant)

- WO 2014007612 A1 20140109 - IPN IP BV [NL]
- WO 2012044166 A1 20120405 - IPN IP BV, et al
- EP 2380820 A1 20111026 - IPN IP BV [NL]
- GB 2492586 A 20130109 - CHRISTIE ALAN [GB]
- WO 2017135824 A1 20170810 - SCHOLLE IPN IP BV [NL]
- WO 2018194454 A1 20181025 - SCHOLLE IPN IP BV [NL]
- WO 2017052364 A1 20170330 - SCHOLLE IPN IP BV [NL]

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